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*Practice Limited
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*Frederal Agencies

February 6, 2004

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Art Unit 2822

Commissioner for Patents PO Box 1450 Alexandria, VA 22313-1450

Re:

U.S. Utility Patent Application

Application No. 09/849,537; Filed: May 7, 2001

For: Die-Up Ball Grid Array Package with a Heat Spreader and Method

for Making the Same

Inventors:

Zhang et al.

Our Ref:

1875.0370000

Sir:

Transmitted herewith for appropriate action are the following documents:

- 1. Fee Transmittal Form (PTO/SB/17);
- 2. Request for Continued Examination (RCE) Transmittal (PTO/SB/30);
- 3. Amendment and Reply Under 37 C.F.R. § 1.116, with three Replacement Drawing Sheets and three Annotated Drawing Sheets Showing changes attached;
- 4. Fifth Supplemental Information Disclosure Statement;
- 5. Form PTO-1449 citing documents;
- 6. Copies of the Documents cited on Form PTO-1449 (AL1, AM1, AR1);
- 7. Return postcard; and
- 8. Form PTO-2038 Credit Card Payment Form for \$770.00 to cover RCE fee

It is respectfully requested that the attached postcard be stamped with the date of filing of these documents, and that it be returned to our courier. In the event that extensions of time are

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Commissioner for Patents February 6, 2004 Page 2

necessary to prevent abandonment of this patent application, then such extensions of time are hereby petitioned.

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

from s w-

Jeffrey S. Weaver

Attorney for Applicants Registration No. 45,608

JSW/asl Enclosures

PTO/SB/17 (10-03)
Approved for use through 07/31/2006. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 770.00

Name (Print/Type)

Signature

leffrey S. Weaver

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9/849,537
fay 7, 2001
onglong Zhang
ewis, Monica
822
875.0370000

METHOD OF PAYMENT (check all that apply)	FEE CALCULATION (continued)						
Check X Credit card Money Order None 3. ADDITIONAL FEES							
*Charge any deficiencies or credit any overpayments in	Large Enti	\neg					
Deposit	Fee Fee Code (\$)	e F		Fee (\$)	Fee Description	Ean Bald	
Account Number 19-0036	1051 13		051		Surcharge - late filing fee or oath	Fee Paid	
Deposit Account Sterne Kessler, Goldstein & Fox P.L.L.C.	1052 5	50 2	052	25	Surcharge - late provisional filing fee or		
Name	1053 13	30 1	053	130	cover sheet Non-English specification		
The Director is authorized to: (check all that apply) Charge fee(s) indicated below Credit any overpayments	1812 2,52				For filing a request for ex parte reexamination		
Charge any additional fee(s) or any underpayment of fee(s)	1804 92	20	1804	920*	Requesting publication of SIR prior to		
Charge fee(s) indicated below, except for the filing fee	1005 1 0	40.	ONE	1 040*	Examiner action Requesting publication of SIR after		
to the above-identified deposit account.	1805 1,84	40 1	600	1,040	Examiner action		
FEE CALCULATION	1251 1	10 2	2251	55	Extension for reply within first month		
1. BASIC FILING FEE	1252 42	20 2	2252	210	Extension for reply within second month		
Large Entity Small Entity		- 1	2253	475	Extension for reply within third month		
Fee Fee Fee Fee Fee Description Fee Paid Code (\$)	1254 1,48	80 2	2254	740	Extension for reply within fourth month	\vdash	
1001 770 2001 385 Utility filing fee	1255 2,01	10 2	2255	1,005	Extension for reply within fifth month		
1002 340 2002 170 Design filing fee	1401 33	30	2401	165	Notice of Appeal		
1003 530 2003 265 Plant filing fee			2402		Filing a brief in support of an appeal	\vdash	
1004 770 2004 385 Reissue filing fee			2403		Request for oral hearing		
1005 160 2005 80 Provisional filing fee	1451 1,5				Petition to institute a public use proceeding		
SUBTOTAL (1) (\$)			2452		Petition to revive - unavoidable	\vdash	
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE	1453 1,33	_ I	2453		Petition to revive - unintentional		
Fee from Extra Claims below Fee Paid	1501 1,33		2501 2502	665 240	Utility issue fee (or reissue) Design issue fee		
Total Claims X = X		- 1	2502	320	Plant issue fee		
Independent Claims - 3 **= X = =			1460	130			
Multiple Dependent =			1807		Processing fee under 37 CFR 1.17(q)		
Large Entity Small Entity			1806		Submission of Information Disclosure Stmt		
Fee Fee Fee <u>Fee Description</u> Code (\$)	8021	40	8021	40	Recording each patent assignment per property (times number of properties)		
1202 18 2202 9 Claims in excess of 20	1809 7	70 2	2809	385	Filing a submission after final rejection		
1201 86 2201 43 Independent claims in excess of 3		1			(37 ČFR 1.129(a))		
1203 290 2203 145 Multiple dependent claim, if not paid	1810 77	70 2	2810	385	For each additional invention to be examined (37 CFR 1.129(b))		
1204 86 2204 43 ** Reissue independent claims over original patent	1801 7	70 2	2801	385	Request for Continued Examination (RCE)	770.00	
1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent	1802 9	900 1	1802	900	Request for expedited examination of a design application		
SUBTOTAL (2) (\$)	Other fee (specify)						
**or number previously paid, if greater; For Reissues, see above **Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$)							
SUBMITTED BY (Complete (if applicable))							

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This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Registration No.

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Date

45,608

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